



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:  
Hideomi KOINUMA et al.

Art Unit: 2811

Appl. No: 10/665,524

Examiner: Not Yet Assigned

Confirmation No: 5810

Filed: September 22, 2003

Atty. Docket No: 32307-191598

For: THIN FILM DEVICE AND ITS  
FABRICATION METHOD

Customer No:

**26694**

PATENT TRADEMARK OFFICE

**Information Disclosure Statement**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This is an Information Disclosure Statement submitted under 37 C.F.R. § 1.97 within the time specified under 37 C.F.R. § 1.97(b).

In order to comply with applicant's duty of disclosure under 37 C.F.R. § 1.56, the U.S. Patent and Trademark Office is notified of the documents which are listed on the attached Form PTO/SB/08A and which the Examiner may deem relevant to patentability of the claims of the above-identified application. A copy of each of the listed documents are submitted herewith.

The relevance of documents A1 and A6 are discussed on pages 2 and 4 of the application, and the relevance of documents A2-A5 and A7 are submitted here with English translations. No further statement of relevance is required.

Applicant(s): Hideomi KOINUMA et al.  
Application No.: 10/665,524

The Office is also notified of copending U.S. Patent Application No. 10/179,006, filed June 26, 2002. A copy of the copending application as filed is attached.

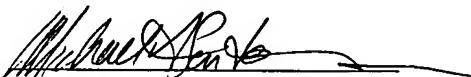
The present Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits, and therefore no Statement Under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In view of the above, no further translation or statement of relevance is required, and as all requirements of 37 C.F.R. § 1.97 and all official guidelines pertaining to Information Disclosure Statements have been complied with, and it is therefore respectfully requested that the Examiner consider the documents and make them of record.

Please charge any necessary fee or credit any overpayment in connection with this Information Disclosure Statement to Deposit Account No. 22-0261.

Respectfully submitted,

Date: April 30, 2004



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**Complete if Known**

Application Number	10/665,524
Filing Date	September 22, 2003
First Named Inventor	Hideomi KOINUMA et al.
Group Art Unit	2811
Examiner Name	Not Yet Assigned
Attorney Docket Number	32307-191598

Sheet	1	of	2
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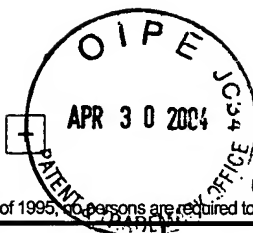
Date Considered

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

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### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	A2	Y.Z. YOO et al., "FABRICATION OF EPITAXIAL WURTZITE ZnS FILM ON BARE Si SUBSTRATE," Proceedings of the 2001 Spring JSAP annual meeting, 29a-K-7, 2001, Page 323.	√
	A3	Yoshinori KONISHI et al., "PREPARATION OF EPITAXIAL THIN FILMS ON Si SUBSTRATE WITH A ZnS BUFFER LAYER," Proceedings of the 2002 Spring JSAP annual meeting, 28p-YB-8, 2002, page 621.	√
	A4	Y.Z. ZOO, et al., "ZnO/ZnS HETEROEPITAXY ON Si BY LASER-MBE," Proceedings of the 2002 Spring JSAP annual meeting, 28p-ZN-2, 2002, Page 315.	√
	A5	Akito KURAMATA et al., "CONTINUOUS-WAVE OPERATION InGaN LASER DIODES ON SiC SUBSTRATES," Oyobuturi, The Japan Society of Applied Physics, July 10, 1999, pages 797-800, Vol. 68, No. 7.	√
	A6	Seikoh YOSHIDA, "ELECTRONIC DEVICES USING GaN," Oyobuturi, The Japan Society of Applied Physics, July 10, 1999, pages 787- 792, Vol. 68, No. 7.	√
	A7	Von Robert JUZA et al., "SOLID SOLUTION IN SYSTEMS ZnS/MnS, ZnSe/MnSe and ZnTe/MnTe," Journal of Inorganic and General Chemistry, Vol. 285, 1956, pages 61-69.	Partial

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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